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(54) Title: APPARATUS AND METHOD FOR FORMING TWO COMPONENT FOOD PRODUCT

(57) Abstract: A method and apparatus for forming molded food products having an outer first component and an inner second component is provided. The apparatus includes a pressurized supply of first component and a pressurized supply of second component. A mold housing extends along a first direction. A first end portion and a second end portion are arranged to be movable along the first direction within the mold housing and to be separated by a pre-selected distance along the first direction. An injector tube is in fluid communication with the supply of pressurized second component. The first and second end portions are arranged to be contained within the mold housing in a fill position to form a mold cavity within the mold housing around the injector tube. The mold cavity has an inlet in fluid communication with the supply of pressurized first component when in the fill position to receive first component to form a shell having an inside void. The injector tube provides a pathway for the pressurized second component into the inside void of the shell to fill the inside void with the second component to complete a two-component molded food product.



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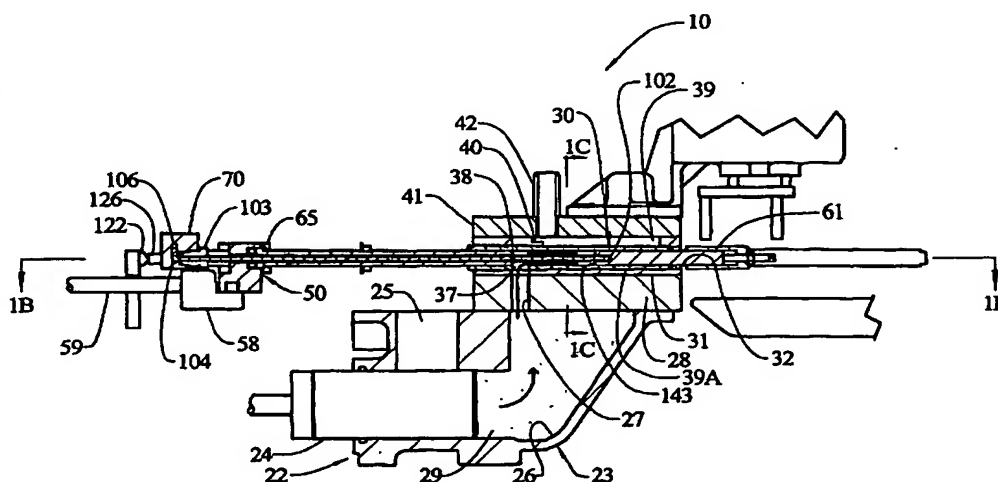
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(57) Abstract: A method and apparatus (10) for forming molded food products having an outer first component (29) and an inner second component is provided. The apparatus (10) includes a pressurized supply of first component (29) and a pressurized supply of second component. A mold housing (31) extends along a first direction. A first end portion and a second end portion are arranged to be movable along the first direction within the mold housing (31) and to be separated by a pre-selected distance along the first direction. An injector tube (70) is in fluid communication with the supply of pressurized second component. The first and second end portions are arranged to be contained within the mold housing (31) in a fill position to form a mold cavity within the mold housing around the injector tube (70). The mold cavity has an inlet in fluid communication with the supply of pressurized first component (29) when in the fill position to receive first component (29) to form a shell having an inside void. The injector tube (70) provides a pathway for the pressurized second component into the inside void of the shell to fill the inside void with the second component to complete a two-component molded food product.

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